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P.O. Box 1450
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04/08/2005

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06/22/2005 HDEMSS2 00000061 020429 10627852

01 FC:1501 1400.00 DA
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Patent and Trademark Office, Alexandria, Virginia 22313-1450, for the purpose of transmitting the Fee(s) Transmittal to the USPTO (703) 746-4000, on the date indicated below.

Beth Pearson-Naul

(Depositor's name)

(Signature)

June 21, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,852	07/25/2003	James Kevyn Smith	194-28885-US	2654

TITLE OF INVENTION: REAL-TIME ON-LINE SENSING AND CONTROL OF EMULSIONS IN FORMATION FLUIDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/08/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
GBISEL, KARA E	2877	356-128000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Madan, Mossman &

Sriram, P.C.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Baker Hughes Incorporated

Houston, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-0429 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date June 21, 2005

Typed or printed name

Gene L. Tyler

Registration No.

35,395

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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MADAN, MOSSMAN & SRIRAM, P.C.

Attorneys At Law

2603 Augusta Drive, Suite 700, Houston, Texas 77057-5638 713 266-1130 Fax 713 266-8510

FACSIMILE COVER SHEET

DATE: June 21, 2005
FOR: OFFICE OF PATENT PUBLICATION
COMPANY OR FIRM: PTO
FACSIMILE NO: (703) 746-4000
FROM: Beth Pearson for Gene L. Tyler
RE: Serial No. 10/627,852
Title: "Real-Time On-Line Sensing and Control of Emulsions in Formation Fluids"
Docket No.: 194-28885-US

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 3

IF ANY OF THESE PAGES ARE NOT RECEIVED, PLEASE CALL BETH AT (713) 266-1130

Transmittal of Issue/Publication Fee

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Jun 21 '05 14:04 P.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:
J. Kevyn Smith et al.

Filed: July 25, 2003

Serial No.: 10/627,852

Title: "Real-Time On-Line Sensing and
Control of Emulsions in Formation
Fluids"

§ Confirmation No.: 2654
§
§ Art Unit: 2877
§
§ Examiner: Kara E. Geisel
§
§ Docket No.: 194-28885-US
§
§

TRANSMITTAL OF ISSUE FEE/PUBLICATION FEE

Commissioner for Patents
Alexandria, Virginia 22313-1460

Dear Sir:

Applicants hereby submit the following item in response to the Notice of Allowance and Issue Fee Due mailed April 8, 2005:

(1) Issue Fee Transmittal Form PTOL-85b.

Formal drawings were filed and accepted on July 25, 2003.

The Commissioner is authorized to charge the \$1700 fee (\$1400 Issue Fee; \$300 Publication Fee) associated with this communication to Deposit Account No. 02-0429 (194-28885-US). The Commissioner is also authorized to charge any under payment or credit any over payment to Deposit Account No. 02-0429 (194-28885-US).

Respectfully submitted,

Gene L. Tyler, Registration No. 35,395
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Telephone: (713) 266-1130
Facsimile: (713) 266-8510

Date: June 21, 2005

CERTIFICATE OF FACSIMILE TRANSMISSION

I do hereby certify that this correspondence is being transmitted via facsimile, to the Commissioner for Patents, facsimile no. (703) 746-4000, on this 21st day of June, 2005.

Beth Pearson-Naul